

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012130.D
 Acq On : 10 Jan 2023 09:41
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 11 03:06:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	162625	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	240994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	221486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83065	45.456	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.920%		
35) Dibromofluoromethane	7.716	113	75904	47.919	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.840%		
50) Toluene-d8	10.185	98	291125	46.564	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.120%		
62) 4-Bromofluorobenzene	12.483	95	106846	48.891	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.780%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	65351	50.608	ug/l	100
3) Chloromethane	2.119	50	59280	50.172	ug/l	98
4) Vinyl Chloride	2.253	62	71674	45.347	ug/l	99
5) Bromomethane	2.656	94	54292	52.710	ug/l	98
6) Chloroethane	2.796	64	48822	46.623	ug/l	98
7) Trichlorofluoromethane	3.131	101	151785	48.205	ug/l	99
8) Diethyl Ether	3.533	74	45025	46.704	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.905	101	80875	49.885	ug/l	95
10) Methyl Iodide	4.094	142	101687	46.268	ug/l	95
11) Tert butyl alcohol	4.948	59	42672	192.365	ug/l	99
12) 1,1-Dichloroethene	3.881	96	76413	48.076	ug/l	97
13) Acrolein	3.735	56	20520	212.872	ug/l	98
14) Allyl chloride	4.484	41	101624	47.430	ug/l #	89
15) Acrylonitrile	5.167	53	110001	242.860	ug/l	100
16) Acetone	3.948	43	128734	299.477	ug/l	100
17) Carbon Disulfide	4.198	76	183660	47.708	ug/l	99
18) Methyl Acetate	4.478	43	55765	45.098	ug/l #	89
19) Methyl tert-butyl Ether	5.228	73	231010	49.380	ug/l	94
20) Methylene Chloride	4.716	84	97204	53.956	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	84825	48.231	ug/l	91
22) Diisopropyl ether	6.118	45	224388	50.909	ug/l #	94
23) Vinyl Acetate	6.063	43	668776	250.741	ug/l	95
24) 1,1-Dichloroethane	6.021	63	146065	49.820	ug/l	99
25) 2-Butanone	6.984	43	143389	252.826	ug/l	93
26) 2,2-Dichloropropane	6.984	77	158644	50.159	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	100639	50.100	ug/l	95
28) Bromochloromethane	7.338	49	34475	46.512	ug/l #	80
29) Tetrahydrofuran	7.350	42	79008	238.660	ug/l	88
30) Chloroform	7.508	83	172583	51.641	ug/l	99
31) Cyclohexane	7.789	56	115802	50.188	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	164510	50.681	ug/l	98
36) 1,1-Dichloropropene	7.917	75	118061	49.127	ug/l	98
37) Ethyl Acetate	7.075	43	55731	43.311	ug/l #	94
38) Carbon Tetrachloride	7.905	117	157392	51.600	ug/l	96
39) Methylcyclohexane	9.185	83	139692	48.660	ug/l	97
40) Benzene	8.167	78	345899	49.394	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	38720m	55.327	ug/l	
42) 1,2-Dichloroethane	8.240	62	112917	50.930	ug/l	100
43) Isopropyl Acetate	8.276	43	104072	48.262	ug/l	95
44) Trichloroethene	8.941	130	102143	49.953	ug/l	98
45) 1,2-Dichloropropane	9.215	63	79276	50.808	ug/l	100
46) Dibromomethane	9.307	93	49831	50.731	ug/l	96
47) Bromodichloromethane	9.496	83	130100	52.091	ug/l	99
48) Methyl methacrylate	9.295	41	47299	48.967	ug/l	88
49) 1,4-Dioxane	9.301	88	12969	953.469	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	284335	247.800	ug/l	96
52) Toluene	10.246	92	233521	50.379	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	132470	50.985	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	142941	50.853	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	73097	51.525	ug/l	98
56) Ethyl methacrylate	10.508	69	96008	51.661	ug/l	94
57) 1,3-Dichloropropane	10.794	76	120029	51.267	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	159208	234.210	ug/l	92
59) 2-Hexanone	10.831	43	217650	270.135	ug/l	96
60) Dibromochloromethane	10.989	129	97665	52.212	ug/l	99
61) 1,2-Dibromoethane	11.093	107	68627	50.542	ug/l	98
64) Tetrachloroethene	10.721	164	113305	52.221	ug/l	98
65) Chlorobenzene	11.520	112	253963	50.206	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	103024	52.753	ug/l	98
67) Ethyl Benzene	11.593	91	463348	51.247	ug/l	99
68) m/p-Xylenes	11.703	106	365445	103.053	ug/l	100
69) o-Xylene	12.032	106	175161	51.876	ug/l	97
70) Styrene	12.044	104	298687	52.076	ug/l	99
71) Bromoform	12.209	173	63334	51.040	ug/l #	98
73) Isopropylbenzene	12.331	105	484992	52.112	ug/l	99
74) N-amyl acetate	12.148	43	94630	49.252	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	76880	49.108	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	58105m	43.267	ug/l	
77) Bromobenzene	12.611	156	112449	50.660	ug/l	93
78) n-propylbenzene	12.672	91	561214	51.656	ug/l	99
79) 2-Chlorotoluene	12.757	91	314280	50.570	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	415521	52.055	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	29289	48.436	ug/l	96
82) 4-Chlorotoluene	12.855	91	327080	50.319	ug/l	98
83) tert-Butylbenzene	13.080	119	362931	51.892	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	410447	51.945	ug/l	98
85) sec-Butylbenzene	13.257	105	519987	51.726	ug/l	97
86) p-Isopropyltoluene	13.373	119	458038	52.593	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	225424	50.664	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	222220	49.996	ug/l	99
89) n-Butylbenzene	13.702	91	400465	53.062	ug/l	99
90) Hexachloroethane	13.964	117	83136	51.455	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	201315	50.787	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15229	48.944	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	128535	52.010	ug/l	98
94) Hexachlorobutadiene	15.117	225	79463	53.292	ug/l	98
95) Naphthalene	15.239	128	251832	51.491	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	111105	51.709	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

